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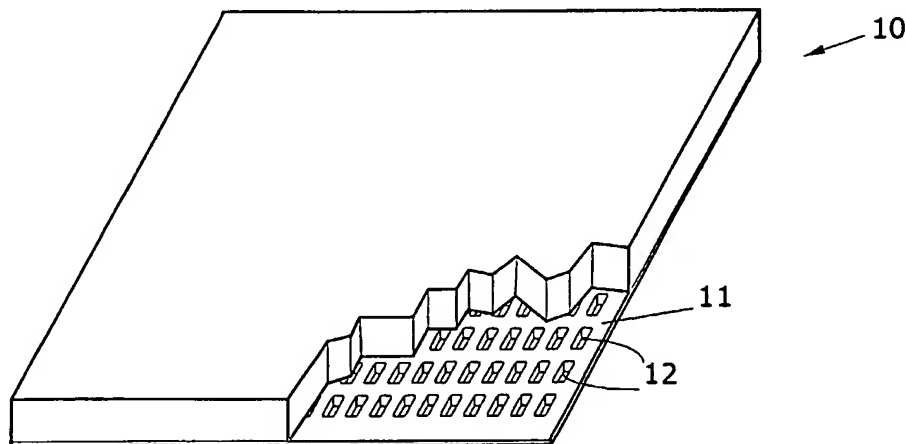
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(54) Title: PROCESS FOR MANUFACTURING REINFORCED TILES OR PANELS OF AGGLOMERATED MATERIAL WITH  
A METALLIC PLATE AS WELL AS PRODUCT OBTAINED THROUGH SAID PROCESS

(57) Abstract: A procedure for the production of sheets or tiles (10) in agglomerate material consisting of products comprising marble and/or granite and/or sand and/or quartz powders and binding resins, also comprising possible inclusions of elements made from metal, glass, ceramic, wood, precious stones, comprising the following processing stages: a) crushing of the components of the sheets or tiles (10); b) mixing of these components with the aforesaid binding resins; c) pressing and compacting of these components inside a pressing die, and hardening at a predetermined pressure and temperature, in order to obtain a predetermined shape, advantageously quadrangular, and predetermined dimensions of these sheets or tiles (10); and according to which before stage c) is carried out a metal plate (11) is positioned inside the pressing die and presents an irregular structure designed to accommodate the mixture of the components which, during the polymerisation and hardening stages, bond to the plate (11) thus forming the base of the sheet or tile (10).